Anastasia Iskaliyeva

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GitHub

Data Scientist and Economist with 7+ years of experience in data analysis and economic policy, skilled in **Python, R, SQL, Tableau**, and passionate about applying **advanced statistics** and **machine learning** to real-world challenges

Education

Master of Data Science, Dec 2025 — University of California, Irvine, CA, USA
Master of Economics — Lomonosov Moscow State University, Moscow, Russia
Bachelor of Economics — Lomonosov Moscow State University, Moscow, Russia

Experience

Data Analyst at DBA Orange Tree Trade, 2020 – 2023, Irvine CA

- Built and maintained Tableau dashboards and reports to support operational and strategic decision-making

Research-Analyst at National Analytical Center *(under the Government of Kazakhstan),* 2015 – 2019

- Conducted data-driven analysis to identify strategic development approaches for key industries within the Kazakhstan economy (publication)
- Developed data-backed recommendations for policymakers on long-term socio-economic development
- Applied global value chains framework to perform quantitative analysis of Kazakhstan's wheat industry, providing actionable insights for business support measures (publication)

Projects

🎵 Piano Fingering Prediction using Machine Learning

GitHub Repo

- Designed and implemented machine learning models to predict optimal piano fingering from MusicXML
- Preprocessed musical sequences and built Random Forest, LSTM, RNN and HMM models; evaluated performance and visualized predictions

📈 Modeling the Impact of External Debt on Economic Growth

GitHub Repo

- Built an ARIMAX time series model in Python to analyze how external debt affects GDP across countries using World Bank data
- Replicated and extended IMF research to assess policy implications through data-driven forecasting

Certifications and Trainings

- Certified Tableau Desktop Specialist, 2024
- Database Management and SQL, IVC, 2023
- Python Programming, IVC, 2019